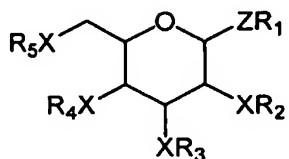


CLAIMS:

1. A method of inhibiting or effecting the activity of a GPCR which comprises contacting a GPCR with a compound of general formula 1, or a pharmaceutically acceptable salt thereof

5



General Formula I

- 10 Wherein the ring may be of any configuration;

Z is selected from the group consisting of: sulphur, oxygen, or NR^A wherein R^A is selected from the set defined for R₁ to R₅ or C1 to C15 acyl, C4 to C15 arylacyl or C4 to C15 heteroarylacyl, with the proviso that both R₁ and R^A are not hydrogen,

15

X is selected from the group consisting of: oxygen or NR^A providing that at least one X of General Formula I is NR^A,

R₁ to R₅ are independently selected from the group consisting of: H, C1 to C12 alkyl,

- 20 C1 to C12 alkenyl, C1 to C12 alkynyl, C1 to C12 heteroalkyl, C4 to C15 aryl, C4 to C15 heteroaryl, C4 to C15 arylalkyl or C4 to C15 heteroarylalkyl substituent ,

wherein, when X is NR^A, both R^A and the corresponding R₁ to R₅ are not hydrogen.

- 25 2. The method of claim 1, wherein any one of R^A or R₁ to R₅ is substituted with a moiety selected from the group consisting of: OH, NO, NO₂, NH₂, N₃, halogen, CF₃, CHF₂, CH₂F, nitrile, alkoxy, aryloxy, amidine, guanidinium, carboxylic acid, carboxylic acid ester, carboxylic acid amide, aryl, cycloalkyl, heteroalkyl, heteroaryl, aminoalkyl, aminodialkyl, aminotrialkyl, aminoacyl, carbonyl, substituted or unsubstituted imine, sulfate, sulfonamide, phosphate, phosphoramido,

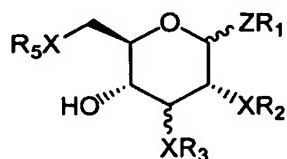
30

31

hydrazide, hydroxamate, hydroxamic acid, heteroaryloxy, aminoaryl, aminoheteroaryl, thioalkyl, thioaryl or thioheteroaryl.

3. The method of claim 1, wherein the compound is

5



General Formula II

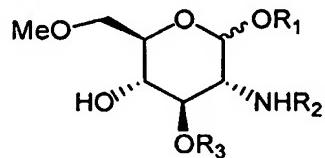
10 4. The method of claim 1, wherein the compound is



General Formula III

15 Wherein A is selected from the group consisting of: N(R^A)R₁, SR₁, or OR₁.

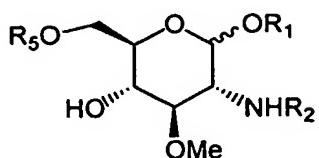
5. The method of claim 1, wherein the compound is



20

General Formula IV

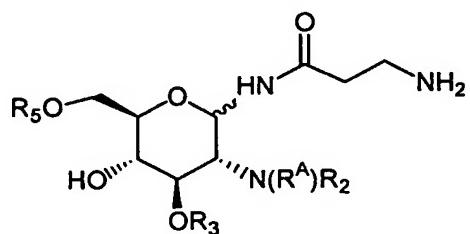
6. The method of claim 1, wherein the compound is



5

General Formula V

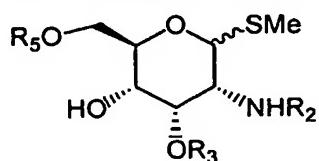
7. The method of claim 1, wherein the compound is



10

General Formula VI

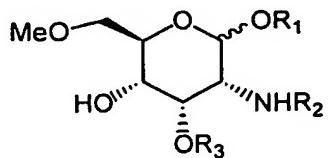
8. The method of claim 1, wherein the compound is



15

General Formula VII

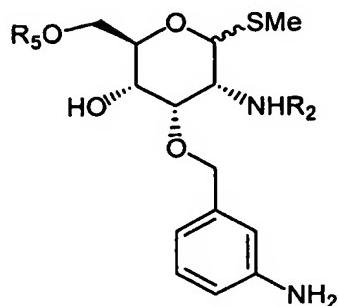
9. The method of claim 1, wherein the compound is



20

General Formula VIII

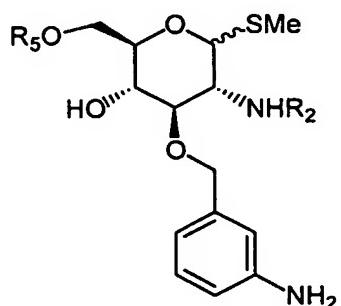
10. The method of claim 1, wherein the compound is



5

General Formula IX

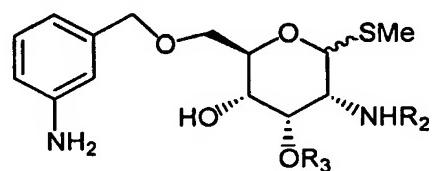
11. The method of claim 1, wherein the compound is



10

General Formula X

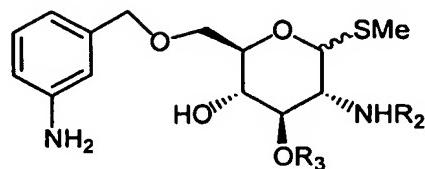
12. The method of claim 1, wherein the compound is



15

General Formula XI

13. The method of claim 1, wherein the compound is



5

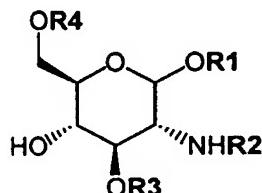
General Formula XII

14 The method of claim 1, wherein the receptor is a somatostatin receptor.

15. The method of claim 1, wherein the receptor is a melanocortin receptor.

10

16. The method of claim 14, wherein the compound is



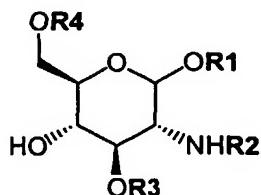
wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 |
|----|----|----|----|
| P1 | G1 | P1 | P7 |
| P1 | G2 | P2 | P7 |
| P1 | A3 | P3 | P7 |
| P2 | A3 | P3 | P7 |
| P3 | G2 | P1 | P7 |
| P3 | A3 | P1 | P7 |
| P3 | G3 | P1 | P7 |
| P3 | A3 | P3 | P7 |
| P3 | G2 | P4 | P7 |
| P3 | A3 | P4 | P7 |
| P3 | G3 | P4 | P7 |
| P4 | G2 | P1 | P7 |
| P4 | G2 | P2 | P7 |
| P4 | G3 | P2 | P7 |
| P4 | A3 | P3 | P7 |

| | | | |
|----|----|----|----|
| P4 | G2 | P4 | P7 |
| P4 | G3 | P4 | P7 |
| P6 | G2 | P1 | P7 |
| P1 | A3 | P6 | P7 |
| P2 | A3 | P6 | P7 |
| P2 | G3 | P6 | P7 |
| P3 | A3 | P6 | P7 |
| P4 | A3 | P6 | P7 |
| P5 | A3 | P6 | P7 |
| P1 | A3 | P1 | P7 |
| P1 | G3 | P1 | P7 |
| P1 | G3 | P2 | P7 |
| P1 | G2 | P3 | P7 |
| P1 | G2 | P4 | P7 |
| P1 | A3 | P4 | P7 |
| P1 | G3 | P4 | P7 |
| P2 | G1 | P1 | P7 |
| P2 | G2 | P1 | P7 |
| P2 | A3 | P1 | P7 |
| P2 | G2 | P2 | P7 |
| P2 | A3 | P2 | P7 |
| P2 | G3 | P2 | P7 |
| P2 | G3 | P3 | P7 |
| P2 | A3 | P4 | P7 |
| P2 | G3 | P4 | P7 |
| P4 | A3 | P1 | P7 |
| P4 | G3 | P1 | P7 |
| P4 | A3 | P2 | P7 |
| P4 | G3 | P3 | P7 |
| P5 | A3 | P1 | P7 |
| P5 | G3 | P1 | P7 |
| P5 | A3 | P2 | P7 |
| P5 | A3 | P4 | P7 |
| P5 | G3 | P4 | P7 |
| P1 | A3 | P1 | P7 |
| P3 | A3 | P2 | P7 |
| P4 | A3 | P4 | P7 |

and wherein the groups A, P and G are as described in "Substituents per Example Libraries 1-14" in the specification.

17. The method of claim 15, wherein the compound is

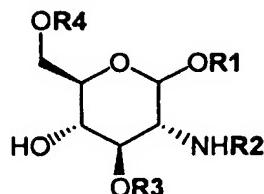


wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 | MC4 inhibition at 10 micromolar |
|----|----|----|----|---------------------------------|
| P1 | G1 | P1 | P7 | + |
| P3 | G1 | P1 | P7 | + |
| P3 | G2 | P1 | P7 | + |
| P4 | G2 | P1 | P7 | + |
| P4 | G2 | P2 | P7 | + |
| P4 | G3 | P2 | P7 | + |
| P5 | G1 | P1 | P7 | + |
| P5 | G2 | P1 | P7 | + |
| P1 | A3 | P1 | P7 | + |
| P1 | G3 | P1 | P7 | + |
| P1 | G3 | P2 | P7 | + |
| P1 | G2 | P4 | P7 | + |
| P1 | A3 | P4 | P7 | + |
| P1 | G3 | P4 | P7 | + |
| P2 | G1 | P1 | P7 | + |
| P2 | G2 | P1 | P7 | + |
| P2 | A3 | P1 | P7 | + |
| P2 | G2 | P2 | P7 | + |
| P2 | A3 | P2 | P7 | + |
| P2 | G3 | P2 | P7 | + |
| P2 | G3 | P4 | P7 | + |
| P4 | G3 | P1 | P7 | + |
| P4 | A3 | P2 | P7 | + |
| P5 | G3 | P1 | P7 | + |
| P1 | A3 | P1 | P7 | + |

5 and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

18. The method of claim 15, wherein the compound is



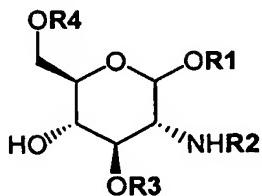
wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 |
|----|----|----|----|
| P1 | G1 | P7 | P1 |
| P1 | G2 | P7 | P1 |
| P1 | G3 | P7 | P1 |
| P1 | G1 | P7 | P2 |
| P1 | A3 | P7 | P2 |
| P1 | G3 | P7 | P2 |
| P1 | G1 | P7 | P4 |
| P1 | G2 | P7 | P4 |
| P1 | A3 | P7 | P4 |
| P1 | G3 | P7 | P4 |
| P2 | G1 | P7 | P1 |
| P2 | G2 | P7 | P1 |
| P2 | A3 | P7 | P1 |
| P2 | G3 | P7 | P1 |
| P2 | G1 | P7 | P2 |
| P2 | G2 | P7 | P2 |
| P2 | A3 | P7 | P2 |
| P2 | G3 | P7 | P2 |
| P2 | G1 | P7 | P4 |
| P2 | G2 | P7 | P4 |
| P2 | A3 | P7 | P4 |
| P2 | G3 | P7 | P4 |
| P3 | G3 | P7 | P1 |
| P3 | G1 | P7 | P2 |
| P3 | G3 | P7 | P4 |
| P4 | G1 | P7 | P1 |
| P4 | G2 | P7 | P1 |
| P4 | G3 | P7 | P1 |
| P4 | G1 | P7 | P2 |
| P4 | G2 | P7 | P2 |
| P4 | A3 | P7 | P2 |
| P4 | G3 | P7 | P2 |
| P4 | G1 | P7 | P4 |
| P4 | G2 | P7 | P4 |

| | | | |
|----|----|----|----|
| P4 | A3 | P7 | P4 |
| P4 | G3 | P7 | P4 |
| P5 | G1 | P7 | P1 |
| P5 | G2 | P7 | P1 |
| P5 | A3 | P7 | P1 |
| P5 | G3 | P7 | P1 |
| P5 | G1 | P7 | P2 |
| P5 | G2 | P7 | P2 |
| P5 | A3 | P7 | P2 |
| P5 | G3 | P7 | P2 |
| P5 | G1 | P7 | P4 |
| P5 | G2 | P7 | P4 |
| P5 | A3 | P7 | P4 |
| P5 | G3 | P7 | P4 |
| P1 | G1 | P7 | P6 |
| P4 | G2 | P7 | P6 |
| P6 | G1 | P7 | P1 |
| P6 | G2 | P7 | P1 |
| P6 | A3 | P7 | P1 |
| P6 | G3 | P7 | P2 |
| P6 | G2 | P7 | P2 |
| P6 | G3 | P7 | P2 |

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

5 19. The method of claim 14, wherein the compound is



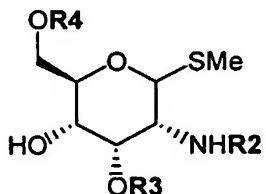
wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 |
|----|----|----|----|
| P1 | G1 | P7 | P1 |
| P1 | G2 | P7 | P1 |
| P1 | G2 | P7 | P2 |
| P1 | A3 | P7 | P2 |
| P2 | A3 | P7 | P1 |
| P2 | A3 | P7 | P2 |
| P2 | A3 | P7 | P4 |

| | | | |
|----|----|----|----|
| P3 | G1 | P7 | P2 |
| P3 | A3 | P7 | P4 |
| P4 | G2 | P7 | P1 |
| P4 | A3 | P7 | P1 |
| P4 | G3 | P7 | P1 |
| P4 | G1 | P7 | P2 |
| P4 | G2 | P7 | P2 |
| P4 | A3 | P7 | P2 |
| P4 | G3 | P7 | P2 |
| P4 | A3 | P7 | P3 |
| P4 | A3 | P7 | P4 |
| P5 | A3 | P7 | P1 |
| P5 | A3 | P7 | P2 |
| P5 | G3 | P7 | P2 |
| P5 | A3 | P7 | P4 |
| P2 | A3 | P7 | P6 |
| P4 | A3 | P7 | P6 |
| P6 | A3 | P7 | P4 |

and wherein the groups P, G and A are as described in “Substituents per Example Libraries 1-14” in the specification.

5 20. The method of claim 15, wherein the compound is



wherein

R4, R2 and R3 are selected from the group combinations of :

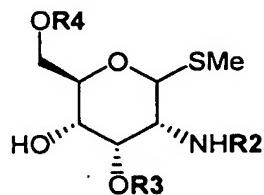
| R2 | R3 | R4 |
|----|----|----|
| G1 | P3 | P3 |
| A2 | P3 | P3 |
| G2 | P3 | P3 |
| G3 | P3 | P3 |
| G1 | P3 | P4 |
| G2 | P3 | P4 |
| A3 | P3 | P4 |
| G3 | P3 | P4 |

| | | |
|----|----|----|
| G1 | P3 | P1 |
| A2 | P3 | P1 |
| G2 | P3 | P1 |
| A3 | P3 | P1 |
| G3 | P3 | P1 |
| A1 | P3 | P2 |
| G1 | P3 | P2 |
| A2 | P3 | P2 |
| G2 | P3 | P2 |
| A3 | P3 | P2 |
| G3 | P3 | P2 |
| G1 | P4 | P3 |
| A2 | P4 | P3 |
| G2 | P4 | P3 |
| G3 | P4 | P3 |
| G1 | P4 | P4 |
| A2 | P4 | P4 |
| G2 | P4 | P4 |
| G3 | P4 | P4 |
| A1 | P4 | P1 |
| G1 | P4 | P1 |
| A2 | P4 | P1 |
| G2 | P4 | P1 |
| A3 | P4 | P1 |
| G3 | P4 | P1 |
| A1 | P4 | P2 |
| G1 | P4 | P2 |
| A2 | P4 | P2 |
| G2 | P4 | P2 |
| A3 | P4 | P2 |
| G3 | P4 | P2 |
| A1 | P1 | P3 |
| G1 | P1 | P3 |
| A2 | P1 | P3 |
| G2 | P1 | P3 |
| A3 | P1 | P3 |
| G3 | P1 | P3 |
| A1 | P1 | P4 |
| G1 | P1 | P4 |
| A2 | P1 | P4 |
| G2 | P1 | P4 |
| A3 | P1 | P4 |
| G3 | P1 | P4 |
| A1 | P1 | P1 |
| G1 | P1 | P1 |
| A2 | P1 | P1 |

| | | |
|----|----|----|
| G2 | P1 | P1 |
| A3 | P1 | P1 |
| A1 | P1 | P2 |
| G1 | P1 | P2 |
| A2 | P1 | P2 |
| G2 | P1 | P2 |
| A3 | P1 | P2 |
| G3 | P1 | P2 |
| A1 | P2 | P3 |
| G1 | P2 | P3 |
| G2 | P2 | P3 |
| A3 | P2 | P3 |
| G3 | P2 | P3 |
| A1 | P2 | P4 |
| G1 | P2 | P4 |
| A2 | P2 | P4 |
| G2 | P2 | P4 |
| A3 | P2 | P4 |
| G3 | P2 | P4 |
| A1 | P2 | P1 |
| G1 | P2 | P1 |
| A2 | P2 | P1 |
| G2 | P2 | P1 |
| A3 | P2 | P1 |
| G3 | P2 | P1 |
| A1 | P2 | P2 |
| G1 | P2 | P2 |
| A2 | P2 | P2 |
| G2 | P2 | P2 |

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

5 21 The method of claim 14, wherein the compound is



wherein R4, R2 and R3 are selected from the group combinations of:

| | | |
|----|----|----|
| R2 | R3 | R4 |
| | | |

| | | |
|----|----|----|
| A1 | P3 | P3 |
| G1 | P3 | P3 |
| A2 | P3 | P3 |
| G2 | P3 | P3 |
| A3 | P3 | P3 |
| G3 | P3 | P3 |
| A1 | P3 | P4 |
| G1 | P3 | P4 |
| A2 | P3 | P4 |
| G2 | P3 | P4 |
| A3 | P3 | P4 |
| G3 | P3 | P4 |
| A1 | P3 | P1 |
| G1 | P3 | P1 |
| A2 | P3 | P1 |
| G2 | P3 | P1 |
| A3 | P3 | P1 |
| G3 | P3 | P1 |
| A1 | P3 | P2 |
| G1 | P3 | P2 |
| A2 | P3 | P2 |
| G2 | P3 | P2 |
| A3 | P3 | P2 |
| G3 | P3 | P2 |
| A1 | P4 | P3 |
| G1 | P4 | P3 |
| A2 | P4 | P3 |
| G2 | P4 | P3 |
| A3 | P4 | P3 |
| G3 | P4 | P3 |
| A1 | P4 | P4 |
| G1 | P4 | P4 |
| A2 | P4 | P4 |
| G2 | P4 | P4 |
| A3 | P4 | P4 |
| G3 | P4 | P4 |
| A1 | P4 | P1 |
| G1 | P4 | P1 |
| A2 | P4 | P1 |
| G2 | P4 | P1 |
| A3 | P4 | P1 |
| G3 | P4 | P1 |
| A1 | P4 | P2 |
| G1 | P4 | P2 |
| A2 | P4 | P2 |
| G2 | P4 | P2 |

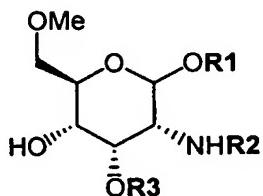
| | | |
|----|----|----|
| A3 | P4 | P2 |
| G3 | P4 | P2 |
| A1 | P1 | P3 |
| G1 | P1 | P3 |
| A2 | P1 | P3 |
| G2 | P1 | P3 |
| A3 | P1 | P3 |
| G3 | P1 | P3 |
| A1 | P1 | P4 |
| G1 | P1 | P4 |
| A2 | P1 | P4 |
| G2 | P1 | P4 |
| A3 | P1 | P4 |
| G3 | P1 | P4 |
| A1 | P1 | P1 |
| G1 | P1 | P1 |
| A2 | P1 | P1 |
| G2 | P1 | P1 |
| A3 | P1 | P1 |
| G3 | P1 | P1 |
| A1 | P1 | P2 |
| G1 | P1 | P2 |
| A2 | P1 | P2 |
| G2 | P1 | P2 |
| A3 | P1 | P2 |
| G3 | P1 | P2 |
| A1 | P2 | P3 |
| G1 | P2 | P3 |
| A2 | P2 | P3 |
| G2 | P2 | P3 |
| A3 | P2 | P3 |
| G3 | P2 | P3 |
| A1 | P2 | P4 |
| G1 | P2 | P4 |
| A2 | P2 | P4 |
| G2 | P2 | P4 |
| A3 | P2 | P4 |
| G3 | P2 | P4 |
| A1 | P2 | P1 |
| G1 | P2 | P1 |
| A2 | P2 | P1 |
| G2 | P2 | P1 |
| A3 | P2 | P1 |
| G3 | P2 | P1 |
| A1 | P2 | P2 |
| G1 | P2 | P2 |

| | | |
|----|----|----|
| A2 | P2 | P2 |
| G2 | P2 | P2 |

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

22. The method of claim 15, wherein the compound is

5



wherein R1, R2 and R3 are selected from the group combinations of:

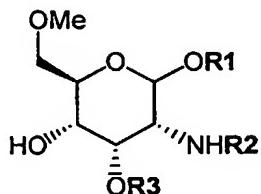
| R1 | R2 | R3 |
|----|----|----|
| P3 | G1 | P3 |
| P3 | G2 | P3 |
| P3 | G3 | P3 |
| P3 | A1 | P4 |
| P3 | G1 | P4 |
| P3 | A2 | P4 |
| P3 | G2 | P4 |
| P3 | A3 | P4 |
| P3 | G3 | P4 |
| P3 | A1 | P1 |
| P3 | G1 | P1 |
| P3 | A2 | P1 |
| P3 | G2 | P1 |
| P3 | A3 | P1 |
| P3 | G3 | P1 |
| P3 | G1 | P2 |
| P3 | A2 | P2 |
| P3 | G2 | P2 |
| P3 | A3 | P2 |
| P3 | G3 | P2 |
| P4 | G1 | P3 |
| P4 | G2 | P3 |
| P4 | G3 | P3 |

| | | |
|----|----|----|
| P4 | A1 | P4 |
| P4 | G1 | P4 |
| P4 | A2 | P4 |
| P4 | G2 | P4 |
| P4 | A3 | P4 |
| P4 | G3 | P4 |
| P4 | A1 | P1 |
| P4 | G1 | P1 |
| P4 | A2 | P1 |
| P4 | G2 | P1 |
| P4 | A3 | P1 |
| P4 | G3 | P1 |
| P4 | A1 | P2 |
| P4 | G1 | P2 |
| P4 | A2 | P2 |
| P4 | G2 | P2 |
| P4 | A3 | P2 |
| P4 | G3 | P2 |
| P5 | G1 | P3 |
| P5 | G2 | P3 |
| P5 | G3 | P3 |
| P5 | G1 | P4 |
| P5 | A2 | P4 |
| P5 | G2 | P4 |
| P5 | A3 | P4 |
| P5 | G3 | P4 |
| P5 | A1 | P1 |
| P5 | G1 | P1 |
| P5 | A2 | P1 |
| P5 | G2 | P1 |
| P5 | A3 | P1 |
| P5 | G3 | P1 |
| P5 | A1 | P2 |
| P5 | G1 | P2 |
| P5 | A2 | P2 |
| P5 | G2 | P2 |
| P5 | A3 | P2 |
| P5 | G3 | P2 |
| P2 | G1 | P3 |
| P2 | A2 | P3 |
| P2 | G2 | P3 |
| P2 | G1 | P4 |
| P2 | G2 | P4 |
| P2 | A3 | P4 |
| P2 | G3 | P4 |
| P2 | G1 | P1 |

| | | |
|----|----|----|
| P2 | A2 | P1 |
| P2 | G2 | P1 |
| P2 | A3 | P1 |
| P2 | G3 | P1 |
| P2 | A1 | P2 |
| P2 | G1 | P2 |
| P2 | G2 | P2 |
| P2 | G3 | P2 |

and wherein the groups P, G and A are as described in “Substituents per Example Libraries 1-14” in the specification.

- 5 23. The method of claim 14, wherein the compound is



wherein R1, R2 and R3 are selected from the group combinations of:

10

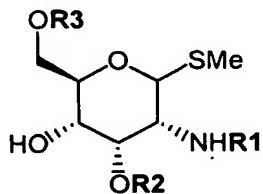
| R1 | R2 | R3 |
|----|----|----|
| P3 | A1 | P3 |
| P3 | G1 | P3 |
| P3 | A2 | P3 |
| P3 | G2 | P3 |
| P3 | A3 | P3 |
| P3 | G3 | P3 |
| P3 | A1 | P4 |
| P3 | G1 | P4 |
| P3 | A2 | P4 |
| P3 | G2 | P4 |
| P3 | A3 | P4 |
| P3 | G3 | P4 |
| P3 | A1 | P1 |
| P3 | G1 | P1 |
| P3 | A2 | P1 |
| P3 | G2 | P1 |

| | | |
|----|----|----|
| P3 | A3 | P1 |
| P3 | G3 | P1 |
| P3 | A1 | P2 |
| P3 | G1 | P2 |
| P3 | A2 | P2 |
| P3 | G2 | P2 |
| P3 | A3 | P2 |
| P3 | G3 | P2 |
| P4 | G1 | P3 |
| P4 | A2 | P3 |
| P4 | G2 | P3 |
| P4 | A3 | P3 |
| P4 | G3 | P3 |
| P4 | A1 | P4 |
| P4 | G1 | P4 |
| P4 | A2 | P4 |
| P4 | G2 | P4 |
| P4 | A3 | P4 |
| P4 | G3 | P4 |
| P4 | A1 | P1 |
| P4 | G1 | P1 |
| P4 | A2 | P1 |
| P4 | G2 | P1 |
| P4 | A3 | P1 |
| P4 | G3 | P1 |
| P4 | A1 | P2 |
| P4 | G1 | P2 |
| P4 | A2 | P2 |
| P4 | G2 | P2 |
| P4 | A3 | P2 |
| P4 | G3 | P2 |
| P5 | A1 | P3 |
| P5 | A2 | P3 |
| P5 | G2 | P3 |
| P5 | A3 | P3 |
| P5 | G3 | P3 |
| P5 | A1 | P4 |
| P5 | G1 | P4 |
| P5 | A2 | P4 |
| P5 | G2 | P4 |
| P5 | A3 | P4 |
| P5 | G3 | P4 |
| P5 | A1 | P1 |
| P5 | G1 | P1 |
| P5 | A2 | P1 |
| P5 | G2 | P1 |

| | | |
|----|----|----|
| P5 | A3 | P1 |
| P5 | G3 | P1 |
| P5 | A1 | P2 |
| P5 | G1 | P2 |
| P5 | A2 | P2 |
| P5 | G2 | P2 |
| P5 | A3 | P2 |
| P5 | G3 | P2 |
| P2 | A1 | P3 |
| P2 | G1 | P3 |
| P2 | A2 | P3 |
| P2 | G2 | P3 |
| P2 | A3 | P3 |
| P2 | G3 | P3 |
| P2 | A1 | P4 |
| P2 | G1 | P4 |
| P2 | A2 | P4 |
| P2 | G2 | P4 |
| P2 | A3 | P4 |
| P2 | G3 | P4 |
| P2 | A1 | P1 |
| P2 | G1 | P1 |
| P2 | A2 | P1 |
| P2 | G2 | P1 |
| P2 | A3 | P1 |
| P2 | G3 | P1 |
| P2 | A1 | P2 |
| P2 | G1 | P2 |
| P2 | A2 | P2 |
| P2 | G2 | P2 |
| P2 | A3 | P2 |
| P2 | G3 | P2 |

and wherein the groups P, G and A are as described in "Substituents per Example Libraries 1-14" in the specification.

5 24. The method of claim 15, wherein the compound is



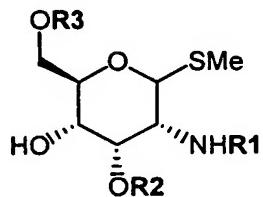
wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|----|
| P3 | N4 | E2 |
| P3 | N4 | E4 |
| P3 | N4 | E6 |
| P4 | N4 | E2 |
| P4 | N4 | E4 |

and wherein the groups P, N and E are as described in “Substituents per Example Libraries 1-14” in the specification.

5

25. The method of claim 14, wherein the compound is



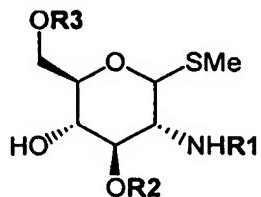
wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|----|
| P3 | N4 | E5 |
| P3 | N4 | E6 |
| P4 | N4 | E1 |
| P4 | N4 | E2 |
| P4 | N4 | E5 |

10

and wherein the groups P, N and E are as described in “Substituents per Example Libraries 1-14” in the specification.

26. The method of claim 15, wherein the compound is



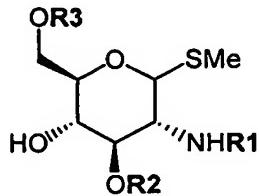
wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|----|
| E2 | N4 | P3 |
| E4 | N4 | P3 |
| E6 | N4 | P3 |
| E4 | N4 | P4 |
| E5 | N4 | P4 |
| E6 | N4 | P4 |

5

and wherein the groups P, N and E are as described in “Substituents per Example Libraries 1-14” in the specification.

27. The method of claim 14, wherein the compound is



10

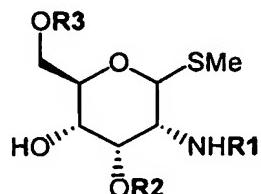
wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|----|
| E1 | N4 | P3 |
| E5 | N4 | P3 |
| E6 | N4 | P3 |
| E1 | N4 | P4 |
| E2 | N4 | P4 |
| E5 | N4 | P4 |

and wherein the groups P, N and E are as described in “Substituents per Example

Libraries 1-14" in the specification.

28. The method of claim 15, wherein the compound is



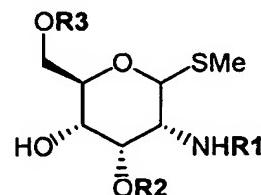
5 wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|----|
| E2 | P3 | N4 |
| E4 | P3 | N4 |
| E6 | P3 | N4 |
| E1 | P4 | N4 |
| E6 | P4 | N4 |

and wherein the groups E, P and N are as described in "Substituents per Example Libraries 1-14" in the specification.

10

29. The method of claim 14, wherein the compound is



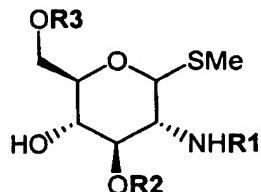
wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|----|
| E1 | P3 | N4 |
| E2 | P3 | N4 |
| E5 | P3 | N4 |
| E6 | P3 | N4 |
| E1 | P4 | N4 |

15

and wherein the groups E, P and N are as described in “Substituents per Example Libraries 1-14” in the specification.

30. The method of claim 15, wherein the compound is

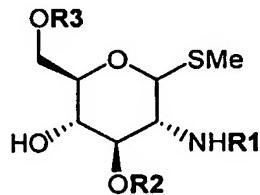


5 wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|----|
| E1 | P3 | N4 |
| E2 | P3 | N4 |
| E3 | P3 | N4 |
| E5 | P3 | N4 |
| E1 | P4 | N4 |
| E2 | P4 | N4 |
| E3 | P4 | N4 |
| E5 | P4 | N4 |

and wherein the groups E, P and N are as described in “Substituents per Example Libraries 1-14” in the specification.

31. The method of claim 14, wherein the compound is

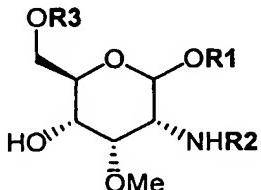


wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|----|
| E5 | P3 | N4 |
| E6 | P3 | N4 |
| E1 | P4 | N4 |
| E2 | P4 | N4 |
| E5 | P4 | N4 |

and wherein the groups E, P and N are as described in “Substituents per Example Libraries 1-14” in the specification.

32. The method of claim 15, wherein the compound is



5

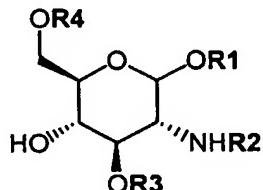
wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|-----|----|
| P4 | E8 | P2 |
| P4 | E9 | P2 |
| P4 | E10 | P2 |
| P4 | G1 | P2 |
| P4 | E8 | P2 |
| P4 | E9 | P2 |
| P4 | E11 | P2 |
| P4 | G1 | P2 |

and wherein the groups P, G and E are as described in “Substituents per Example Libraries 1-14” in the specification.

10

33. The method of claim 15, wherein the compound is



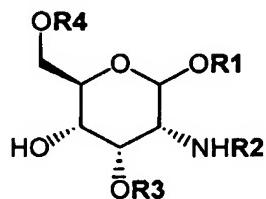
wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 |
|----|----|----|----|
| P2 | A2 | P4 | P2 |
| P2 | A2 | P4 | P2 |
| P2 | A2 | P4 | P3 |
| P2 | A2 | P4 | P3 |
| P2 | A2 | P4 | P4 |

| | | | |
|----|----|----|----|
| P2 | A2 | P4 | P4 |
| P2 | A2 | P2 | P2 |
| P2 | A2 | P2 | P2 |
| P2 | A2 | P2 | P3 |
| P2 | A2 | P2 | P4 |
| P2 | A2 | P2 | P4 |
| P2 | A2 | P3 | P2 |
| P2 | A2 | P3 | P3 |
| P2 | A2 | P3 | P3 |
| P2 | A2 | P3 | P4 |
| P2 | A2 | P3 | P4 |
| P2 | A3 | P4 | P2 |
| P2 | A3 | P4 | P2 |
| P2 | A3 | P4 | P4 |
| P2 | A3 | P2 | P2 |
| P2 | A3 | P2 | P4 |
| P2 | A3 | P2 | P4 |
| P2 | A3 | P3 | P2 |
| P2 | A3 | P3 | P3 |
| P2 | A3 | P3 | P4 |
| P4 | A2 | P4 | P3 |
| P4 | A2 | P4 | P4 |
| P4 | A2 | P2 | P2 |
| P4 | A2 | P2 | P3 |
| P4 | A2 | P2 | P3 |
| P4 | A2 | P2 | P4 |
| P4 | A2 | P3 | P2 |
| P4 | A2 | P3 | P3 |
| P4 | A2 | P3 | P4 |
| P4 | A3 | P4 | P2 |
| P4 | A3 | P4 | P3 |
| P4 | A3 | P4 | P4 |
| P4 | A3 | P2 | P2 |
| P4 | A3 | P2 | P2 |
| P4 | A3 | P2 | P3 |
| P4 | A3 | P2 | P3 |
| P4 | A3 | P2 | P4 |
| P4 | A3 | P3 | P2 |
| P4 | A3 | P3 | P4 |

and wherein the groups P, and A are as described in "Substituents per Example Libraries 1-14" in the specification.

34. The method of claim 15, wherein the compound is

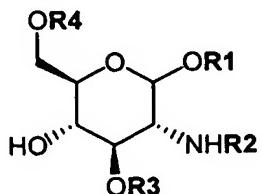


wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 |
|----|----|----|----|
| P3 | A2 | P4 | P2 |
| P3 | A2 | P4 | P3 |
| P3 | A2 | P4 | P4 |
| P3 | A2 | P2 | P2 |
| P3 | A2 | P2 | P3 |
| P3 | A2 | P2 | P4 |
| P3 | A2 | P3 | P2 |
| P3 | A2 | P3 | P3 |
| P3 | A2 | P3 | P4 |
| P3 | A3 | P4 | P2 |
| P3 | A3 | P4 | P4 |
| P3 | A3 | P2 | P2 |
| P3 | A3 | P2 | P3 |
| P3 | A3 | P2 | P4 |
| P3 | A3 | P3 | P2 |
| P3 | A3 | P3 | P4 |
| P2 | A2 | P4 | P2 |
| P2 | A2 | P4 | P3 |
| P2 | A2 | P4 | P4 |
| P2 | A2 | P2 | P2 |
| P2 | A2 | P2 | P3 |
| P2 | A2 | P2 | P4 |
| P2 | A2 | P3 | P2 |
| P2 | A2 | P3 | P3 |
| P2 | A2 | P3 | P4 |
| P2 | A3 | P4 | P2 |
| P2 | A3 | P4 | P3 |
| P2 | A3 | P4 | P4 |
| P2 | A3 | P2 | P2 |
| P2 | A3 | P2 | P3 |
| P2 | A3 | P2 | P4 |
| P2 | A3 | P3 | P2 |
| P2 | A3 | P3 | P3 |
| P2 | A3 | P3 | P4 |

and wherein the groups P, and A are as described in “Substituents per Example Libraries 1-14” in the specification.

35. The method of claim 15, wherein the compound is



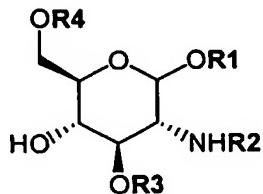
5

wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 |
|----|----|----|----|
| P3 | G1 | P4 | P2 |
| P3 | G1 | P4 | P2 |
| P3 | G1 | P4 | P3 |
| P3 | G1 | P4 | P3 |
| P3 | G1 | P4 | P4 |
| P3 | G1 | P2 | P2 |
| P3 | G1 | P2 | P2 |
| P3 | G1 | P2 | P3 |
| P3 | G1 | P2 | P4 |
| P3 | G1 | P2 | P4 |
| P3 | G1 | P1 | P2 |
| P3 | G1 | P1 | P3 |
| P3 | G1 | P1 | P3 |
| P3 | G1 | P1 | P4 |
| P3 | G2 | P4 | P2 |
| P3 | G2 | P4 | P2 |
| P3 | G2 | P4 | P3 |
| P3 | G2 | P4 | P4 |
| P3 | G2 | P4 | P4 |
| P3 | G2 | P2 | P2 |
| P3 | G2 | P2 | P3 |
| P3 | G2 | P2 | P3 |
| P3 | G2 | P2 | P4 |
| P3 | G2 | P1 | P2 |
| P3 | G2 | P1 | P2 |
| P3 | G2 | P1 | P3 |
| P3 | G2 | P1 | P4 |
| P3 | G2 | P1 | P4 |

and wherein the groups P, and A are as described in "Substituents per Example Libraries 1-14" in the specification.

35. The method of claim 15, wherein the compound is



5

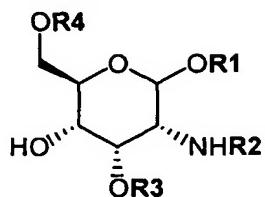
wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 |
|----|----|----|----|
| P3 | G1 | P4 | P2 |
| P3 | G1 | P4 | P2 |
| P3 | G1 | P4 | P3 |
| P3 | G1 | P4 | P3 |
| P3 | G1 | P4 | P4 |
| P3 | G1 | P2 | P2 |
| P3 | G1 | P2 | P2 |
| P3 | G1 | P2 | P3 |
| P3 | G1 | P2 | P4 |
| P3 | G1 | P2 | P4 |
| P3 | G1 | P1 | P2 |
| P3 | G1 | P1 | P3 |
| P3 | G1 | P1 | P3 |
| P3 | G1 | P1 | P4 |
| P3 | G1 | P1 | P4 |
| P3 | G2 | P4 | P2 |
| P3 | G2 | P4 | P2 |
| P3 | G2 | P4 | P3 |
| P3 | G2 | P4 | P3 |
| P3 | G2 | P4 | P4 |
| P3 | G2 | P2 | P2 |
| P3 | G2 | P2 | P3 |
| P3 | G2 | P2 | P3 |
| P3 | G2 | P2 | P4 |
| P3 | G2 | P2 | P4 |
| P3 | G2 | P1 | P2 |
| P3 | G2 | P1 | P2 |
| P3 | G2 | P1 | P3 |
| P3 | G2 | P1 | P4 |
| P3 | G2 | P1 | P4 |

P3 | G2 | P1 | P5

and wherein the groups P, and G are as described in “Substituents per Example Libraries 1-14” in the specification.

5 36. The method of claim 15, wherein the compound is



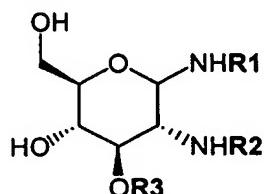
wherein R1, R2, R3 and R4 are selected from the group combinations of:

| R1 | R2 | R3 | R4 |
|----|----|----|----|
| P1 | G1 | P4 | P2 |
| P1 | G1 | P4 | P3 |
| P1 | G1 | P4 | P4 |
| P1 | G1 | P2 | P3 |
| P1 | G1 | P2 | P4 |
| P1 | G1 | P1 | P3 |
| P1 | G1 | P1 | P4 |
| P1 | G2 | P4 | P2 |
| P1 | G2 | P4 | P3 |
| P1 | G2 | P4 | P4 |
| P1 | G2 | P2 | P2 |
| P1 | G2 | P2 | P3 |
| P1 | G2 | P2 | P4 |
| P1 | G2 | P1 | P2 |
| P1 | G2 | P1 | P3 |
| P1 | G2 | P1 | P4 |
| P4 | G1 | P4 | P2 |
| P4 | G1 | P4 | P3 |
| P4 | G1 | P4 | P4 |
| P4 | G1 | P2 | P2 |
| P4 | G1 | P2 | P3 |
| P4 | G1 | P2 | P4 |
| P4 | G1 | P1 | P2 |
| P4 | G1 | P1 | P3 |
| P4 | G1 | P1 | P4 |
| P4 | G2 | P4 | P2 |
| P4 | G2 | P4 | P3 |
| P4 | G2 | P4 | P4 |
| P4 | G2 | P2 | P2 |

| | | | |
|----|----|----|----|
| P4 | G2 | P2 | P3 |
| P4 | G2 | P2 | P4 |
| P4 | G2 | P1 | P2 |
| P4 | G2 | P1 | P3 |
| P4 | G2 | P1 | P4 |
| P1 | G3 | P3 | P3 |

and wherein the groups P, and G are as described in “Substituents per Example Libraries 1-14” in the specification.

5 37. The method of claim 15, wherein the compound is



wherein R1, R2 and R3 are selected from the group combinations of:

| R1 | R2 | R3 |
|----|----|-----|
| A2 | G4 | P3 |
| A2 | G4 | P12 |
| A2 | G4 | P13 |
| A2 | G4 | P1 |
| A2 | E1 | P3 |
| A2 | E1 | P4 |
| A2 | E1 | P12 |
| A2 | E1 | P13 |
| A1 | E1 | P3 |
| A1 | E1 | P4 |

and wherein the groups P, A and E are as described in “Substituents per Example Libraries 1-14” in the specification.

10 38. A pharmaceutical formulation comprising a compound as claimed in claim 1 or a pharmaceutically acceptable salt thereof, together with one or more pharmaceutically acceptable carriers, diluents or excipients.